

CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)
Meter ID: YSI 600XLM #11 Datalogger ID: #8 Sept 2008 version

Boldly "X" this box if there is qualified data on this page.

Date 8-21-13 Calibration Time: 9:00 ETZ or CTZ (circle one) Project Name: MSFNS
Circle/Fill In: Lab Calibration or Calibration on Site

Temperature (Monthly) Please Use "Monthly Temperature Verification Log"
Date of Last Temperature Verification 8/13 Pass or Fail P F

Dissolved Oxygen

In Run Mode

Initial Reading: 8.77 mg/L @ Temp. 24.6 °C % DO 105.5 P F
nearest 100th nearest 10th nearest 10th

In Calibrate Mode (to temp.)

Calibrated Reading: 8.26 mg/L @ Temp. 25.0 °C % DO 100.0 P F
nearest 100th nearest 10th nearest 10th

In Run Mode

Initial Calib. Verification: 8.27 mg/L @ Temp. 25.3 °C % DO 100.7 P F
nearest 100th nearest 10th nearest 10th

Specific Conductance

In Calibrate Mode

Calibration: Exp. Date 10/14 Lot # 2304085 Standard 1000 Initial Reading 1010 Calibrated Reading 1000 P F
µmhos/cm µmhos/cm µmhos/cm

In Run Mode

Initial Calib. Verification: 11/13 1205241 100 100 P F
µmhos/cm µmhos/cm µmhos/cm

pH

In Calibrate Mode (3-point calibration to temp.)

Standard	Exp. Date	Lot #	Initial Reading nearest 10 th	Temperature nearest 10 th	Calibrated Reading nearest 10 th	Temperature nearest 10 th
7.0 SU	<u>2/14</u>	<u>120444</u>	<u>7.0</u>	<u>26.7</u> °C	<u>7.0</u>	<u>26.8</u> °C <u>P</u> F
4.0 SU	<u>3/15</u>	<u>131596</u>	<u>3.9</u>	<u>27.0</u> °C	<u>4.0</u>	<u>27.1</u> °C <u>P</u> F
10.0 SU	<u>3/14</u>	<u>121303</u>	<u>10.0</u>	<u>27.0</u> °C	<u>10.0</u>	<u>27.6</u> °C <u>P</u> F

Initial Calibration Verification:

10 SU 3/14 121303 10.1 SU 27.0 °C P F
In Run Mode

Maintenance: Weekly PH Slope: _____ Specific Conductance Probe Cleaned? Y N
Notes: Dissolved Oxygen Membrane Changed? Y N

Site ID:
Project:

Paul Blair
Print name of person performing calibrations.

Acceptance Criteria: (DO ± 0.3mg/l of theoretical value) (Specific Conductance ± 5%) (pH ± 0.2 SU) (Temperature ± 0.5 °C)